

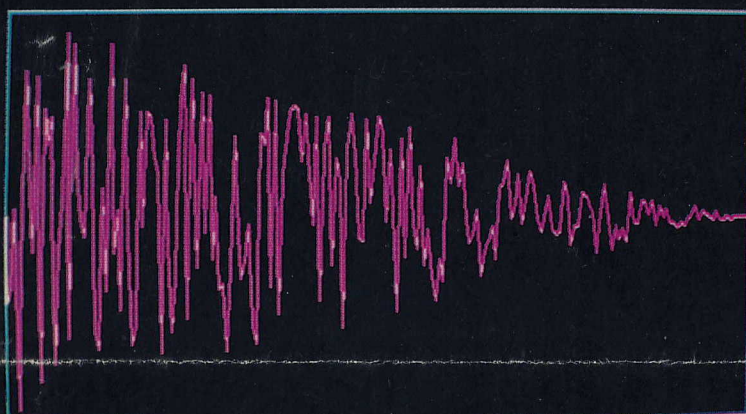
# ABACUS<sup>TM</sup>

VOL 1 NO 4

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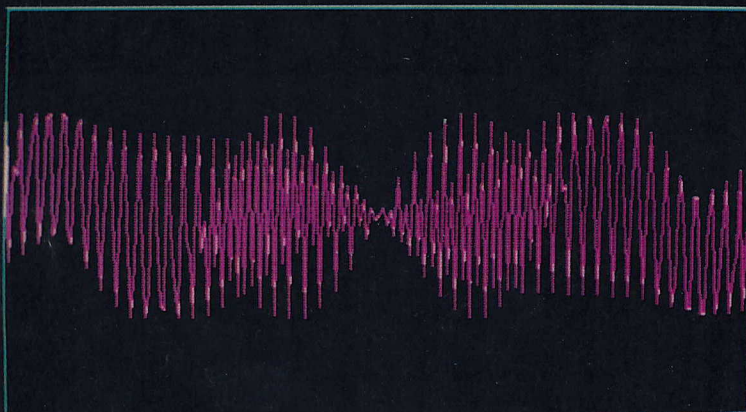
## Computer Music

PLOT OF RANDOM WAVEFORM FROM THE FUNCTION --- >



NOISE = (((RND (1)) \* 200)-100) \* ENVELOPE

PLOT OF FREQUENCY MODULATED WAVEFORM FROM THE FUNCTION --- >



$Y = A * \sin(CFt - d/m * (\sin MFt))$

**Algorithms III (L. HILLER)**

## Languages for First Courses in Computer Science

APL BASIC FORTRAN PASCAL  
PL/I APL BASIC FORTRAN  
PASCAL PL/I APL BASIC  
FORTRAN PASCAL PL/I APL  
BASIC FORTRAN PASCAL  
PL/I APL BASIC FORTRAN  
PASCAL PL/I APL BASIC  
FORTRAN PASCAL PL/I APL  
BASIC FORTRAN PASCAL



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**Letter to the Editor**

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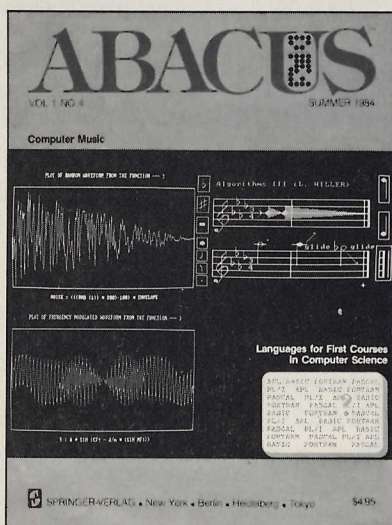
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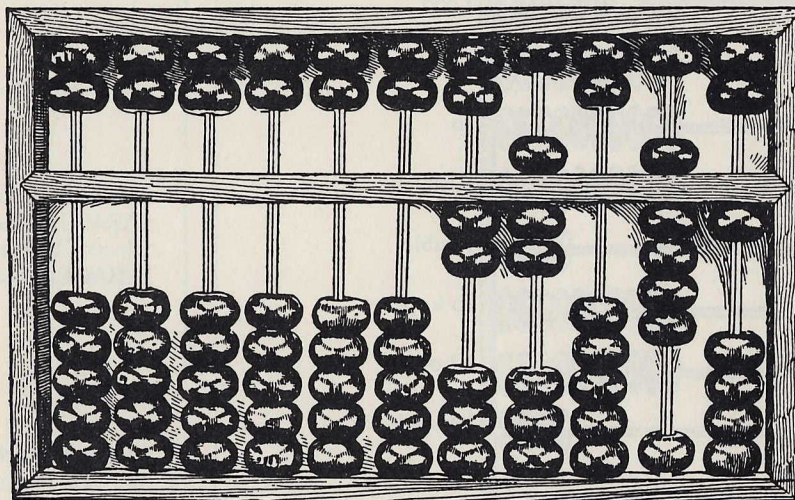
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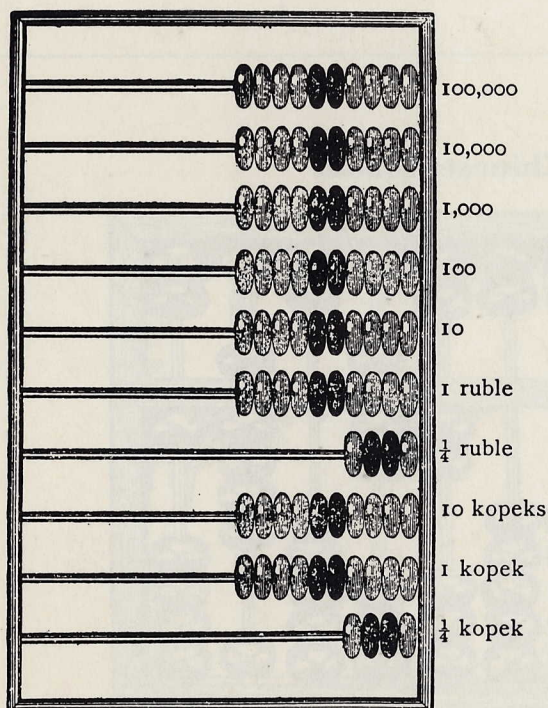
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